



Subgroup Report

Stakeholder Briefing
Byron Sher Auditorium

July 28, 2005

Subgroups

- ❑ Cap and Trade Subgroup
- ❑ Scenario Analysis Subgroup
- ❑ Made up of Representatives from the CAT
- ❑ Department of Finance Also Participating

Cap and Trade

- ❑ Government and Industry Interest
- ❑ Invited Experts Briefings
- ❑ Will Incorporate the CEC Advisory Committee Work
- ❑ August 29 Stakeholder Briefing
- ❑ September 28 Public Meeting

Scenario Analysis

- ❑ Build on the CEC's PIER Program Work
 - Midpoint Representation of CEC 5-year Plan
- ❑ Build on NAS Work
- ❑ Subgroup Includes Leading Scientific Experts on Climate Change
- ❑ Subgroup Includes Multiple Agencies Including:
 - Department of Forestry
 - Department of Food and Agriculture
 - Department of Water Resources

Impacts Analysis

- ❑ Scenario Analysis will Evaluate Potential Impacts on:
 - Public Health
 - Agriculture
 - Water Availability and Quality
 - Coastline
 - Forestry

Probable Impacts to California

- ❑ Reduction in Snow Pack (73%-90% reduction by 2050)
- ❑ Harm to Public Health & Environment (2.2°-5.6°F incr. by 2050)
- ❑ Rising Sea Level (3"-5" by 2050)
- ❑ Threat to CA Levee System
- ❑ Degradation of Growing Conditions

Adaptation

- ❑ Report Will Consider Adaptation, e.g. measures to be taken to handle water supply in the form of rain rather than snow pack
- ❑ Place California in the Best Position to Respond to Adverse Consequences of Climate Change

Economic Impacts

- ❑ Report will Consider:
 - Costs and Savings Associated with Impacts
 - Costs and Savings Associated with Adaptation
- ❑ Evaluation of the Costs and Benefits will be Done for the Overall Effort to Reduce GHG Emissions and Meet the Targets

Scope

- ❑ Two Climate Models will be Used
 - Parallel Climate Model (PCM)
 - Geophysical Fluid Dynamics Laboratory (GFDL)
- ❑ Two IPCC Scenarios will be Analyzed
 - B1: Low Emission Scenario
 - A2: Close to Business as Usual
- ❑ Intended to Give a Range of Possible Impacts on Health and Resources in the State

Timeline

- ❑ Stakeholder Briefing August 15
- ❑ Draft Document to be Completed in November
- ❑ Public Workshop Scheduled for December 9
- ❑ Report in January -- Significant First Step
- ❑ Work will Continue Beyond January
- ❑ Updates Included in Biennial Reports to Governor and Legislature